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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known	
Application Number	10/811,528
Filing Date	March 29, 2004
First Named Inventor	Frantz et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	BING-1-1070

## **U.S. PATENT DOCUMENTS**

•		U.S. Patent Document			
	Cite No.1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
ak	1.	2,422,693		McArthur	06-24-1947
ak	2.	2,885,133		Nelson	05-05-1959
aik	3.	3,908,796		Hurwitz	09-30-1975
ak	4.	3,937,298		Hurwitz	02-10-1976
ak	5.	4,479,621		Bergholz	10-30-1984
ak.	6.	5,082,088		Krause	01-21-1992
all	7.	5,393,013		Schneider	02-28-1995
ak	8.	5,090,639		Miller	02-25-1992
ak	9.	6,260,813		Whitcomb	07-17-2001
/此	10.	6,257,522		Friend	07-10-2001
ZUK	11.	6,514,021		Delay	02-04-2003
UK	12.	6,554,225		Anast	04-29-2003
UK	13.	6,601,798		Cawley	08-05-2003
NK	14.	6,619,588		Lambiaso	09-16-2003

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FOREIGN	PATEN	T DOC	JMENTS		<del></del> ,			<del></del>		
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Examiner Initials*	Cite No.1	Office <sup>3</sup> Code		Number <sup>4</sup>	Kind <sup>5</sup> Name of Patent (if known) Cited D		Name of Paten Cited [	tee of Applicant of Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
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3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6. Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

NON PATE	NT LITER	ATURE DOCUMENTS	-		
Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
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PTO/SB/08A (10-01)
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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/811,528 INFORMATION DISCLOSURE Filing Date March 29, 2004 STATEMENT BY APPLICANT **First Named Inventor** Frantz, Walter F. Art Unit 3636 (use as many sheets as necessary) **Examiner Name** Not Assigned Yet Attorney Docket Number Sheet 1 of 1 BING-1-1070

	U.S. PATENT DOCUMENTS								
Examiner Initials		Document Number Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
ac		us- 2,579,003	12/18/1951	Josephian					
UK		US- 2,876,969	03-10-1959	Tydon et al.					
LIK		us- 3,142,461	07-28-1964	Naylor					
KAK		us- 3,294,034	12-27-1966	Bodenheimer et al.					
ac		US- 3,578,274	05-11-1971	Ginn et al.					
UK		US- 3,904,064	09-09-1975	Looker					
105		us- 4,000,870	01-04-1977	Davies					
ax		us- 4,929,133	05-29-1990	Wiseman					
		us- 6,302,358	10-16-2001	Emsters et al.					
2K		US- 6,739,281	05-25-2004	Grimes					
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	FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. 1	Foreign Patent Document  Country Code 3 - Number 4 - Kind Code 6 (# known)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	тв					
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PTO/SB/08A (10-01)

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Complete If Known						
Application Number	10/811,528					
Filing Date	March 29, 2004					
First Named Inventor	Frantz, Walter Forrest					
Art Unit	3643					
Examiner Name	Collins, Timothy					
Attorney Docket Number	BING-1-1070					

				U.S. PATE	NT DOCUMENTS	
Examiner Initials			ment Number r - Kind Code <sup>2</sup> ( <i>if known</i>	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ax -		US-	4,483,499	11-20-1984	Fronk	
ax		US-	4,875,645	10-24-1989	Courter	
OK.		US-	5,322,244	06-21-1994	Dallmann et al.	
WK.		US-	5,752,673	05-19-1998	Schliwa et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document  Courby Code 3 - Number 4 - Kind Code 9 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<b>T</b> 6		
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